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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/833,986	04/12/2001	Yong Chang	678-649 (P9792)	2092	
28249	7590 10/18/2004		EXAM	EXAMINER	
DILWORTH & BARRESE, LLP			FOX, JAMAL A		
	OVINGTON BLVD. E, NY 11553		ART UNIT	PAPER NUMBER	
01.101.121.12	_,		2664		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Samilar S			Application No.	Annlingette				
Examinor Jamal A Fox - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed safes St. (a) MONTHs from the milling date of this communication. If the period for reply secretical above is less than thiny (30) days, a reply which the statutory minimum of thiny (30) days will be considered timely. Fallows to reply which the set or canded seried from your will be patiative apply and will reply at Key (b) MCNTRS from the mailing date of this communication. Fallows to reply which the set or canded seried from your will be patiative apply and will reply at Key (b) MCNTRS from the mailing date of this communication. Fallows to reply which the set or canded seried from your will be patiative apply and will reply at the major than a communication. Fallows to reply which the set or canded seried from your will be patiative apply and will reply at the major than a communication. Fallows to reply within the set or canded seried from your will be patiative. Fallows to reply within the set or canded seried from your will be patiative. Fallows to reply within the set or canded seried from your will be patiative. Fallows to reply within the set or communication for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☐ Claim(s) 1-2 is/are pending in the application. 4) ☐ Claim(s) 4-7 is/are allowed. 6) ☐ Claim(s) 4-7 is/are allowed. 7) ☐ Claim(s) 4-7 is/are allowed. 7) ☐ Claim(s) 4-7 is/are allowed. 8) ☐ Claim(s) 4-7 is/are allowed. 10) ☐ The drawing(s) filed on 04 May 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. 10) ☐ The drawing(s) filed on 04 May 2001 is/a			Application No.	Applicant(s)	(A)			
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Attachment(s)								
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1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)								
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application (PTO-152)					52)			
Paper No(s)/Mail Date 6) Other:			, , , , , , , , , , , , , , , , , , , ,					

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DETAILED ACTION

Specification

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

2. The abstract of the disclosure is objected to because it should be within the range of 50 to 150 words. Correction is required. See MPEP § 608.01(b).

Claim Rejections - 35 USC § 103

- 3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krishnamurthi et al. (U.S. Patent No. 6,134,434).

Referring to claim 1, Krishnamurthi et al. discloses a method for performing a handoff (handoff, col. 9 line 55 - col. 10 line 6) including a first base station (BS1 108, col. 9 line 55 - col. 10 line 6) communicating voice and packet data (voice, data, col. 3

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lines 9-18) with a mobile station (SU1 112, col. 9 line 55 - col. 10 line 6), a mobile switching center (MSC 102, col. 9 line 55 - col. 10 line 6) connected to the first base station (BS1, Figures 3 and 4) and a second base station (BS2 110, col. 9 line 55 - col. 10 line 6) adjacent to the first base station (BS1, Figures 3 and 4), the method comprising the steps of:

sending (sends, col. 9 lines 57-58) a handoff required message from the first base station to the mobile switching center, the handoff required message including a service configuration record (service configuration, col. 9 lines 57-60);

sending (sends, col. 9 lines 60-62) from the mobile switching center the service configuration record of the received handoff required message to the second base station;

determining (processing, col. 9 lines 62-64) in the second base station whether it is possible to communicate with the mobile station using a radio resource specified in the service type identifier and the service configuration record, sending, when it is not possible to communicate with the mobile station, to the mobile switching center a new service type identifier and a new service configuration record indicating that communicating with one of the voice and packet data with the mobile station is possible;

sending (returns, col. 9 lines 64-66) from the mobile switching center the new service type identifier and the new service configuration record to the first base station; but does not explicitly teach of including a service type identifier indicating a concurrent service of the voice and packet data, sending from the first base station the new service type identifier and forming in the mobile station a communication link to the second

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base station according to the new service configuration record. However, voice and packet data are disclosed in (col. 3 lines 9-18), and the Service Configuration Directive contains the service configuration. Furthermore, a communication link has to be formed between the mobile station and the second base station because both the source and the target base station are aware of the new service configuration for the SU1 112, (col. 10 lines 3-6). Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to have included a service type identifier indicating a concurrent service of the voice and packet data, sending from the first base station the new service type identifier and forming in the mobile station a communication link to the second base station according to the new service configuration record to the invention of Krishnamurthi et al. in order to maintain the service connection by performing a soft handoff as suggested by Krishnamurthi et al.

Referring to claim 2, Krishnamurthi et al. discloses the method of claim 1, but does not explicitly teach of the service configuration record comprising resource information including a radio channel. However, radio frequency communication is disclosed in (col. 5 lines 19-22). Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to have included the service configuration record comprising resource information including a radio channel in order to provide two way communication between the base stations and the mobile station as suggested by Krishnamurthi et al.

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Referring to claim 3, Krishnamurthi et al. discloses the method of claim 1, wherein the service configuration record comprises resource information including a data rate (data rate, col. 7 lines 43-44).

Allowable Subject Matter

5. Claims 4-7 are allowed.

Conclusion

6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks Washington, D.C. 20231

or faxed to:

(703) 305-3988, (for formal communications intended for entry)

Or:

(703) 305-3988 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA. 22202, Sixth Floor (Receptionist).

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jamal A. Fox whose telephone number is (571) 272-3143. The examiner can normally be reached on Monday-Friday 6:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on (571) 272-3134. The fax phone numbers for the organization where this application or proceeding is assigned are (703)

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872-9306 for regular communications and (703) 872-9315 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Jamal A. Fox